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Substitute for Form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		<b>Application Number</b>	09/888,264
(use as many sheets as necessary)		<b>Filing Date</b>	June 22, 2001
Sheet	of	<b>First Named Inventor</b>	Sean H. Adams, et al.
		<b>Group Art Unit</b>	1635
		<b>Examiner Name</b>	Jon E. Angell
		<b>Attorney Docket Number</b>	09800080-0003
<b>OTHER ITEMS - NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No. t	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
JG	C39	Tisdale, M., "Cancer Cachexia: Metabolic Alterations and Clinical Manifestations," <i>Nutrition</i> , 13:1-7 (1997) (complete reference herewith submitted).	
		T <sup>2</sup>	

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9-30-03

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Kind Code <sup>2</sup> Number	(if known)			
DJ	A1	5,364,934		D. Drayna, et al.	11-15-1994	
DJ	A2	6,132,973		P. Lal, et al.	10-17-2000	

### FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code (if known)			
DJ	B1	WO 99/00123	A1	P. Lind, et al.	01-07-1999		
DJ	B2	WO 99/64458	A1	B. Corkey, et al.	12-16-1999		
DJ	B3	WO 00/04037	A1	K. Albrandt, et al.	01-27-2000		
DJ	B4	WO 00/61614	A2	S. Ruben, et al.	10-19-2000		
DJ	B5	WO 01/98355	A2	D. Lewin, et al.	12-27-2001		
DJ	B6	WO 01/98512	A2	S. Adams, et al.	12-27-2001		

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**INFORMATION DISCLOSURE  
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Sheet	2	of	6	Attorney Docket Number	09800080-0003
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**OTHER ITEMS – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	CiteNo.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	Adams, S., "Uncoupling Protein Homologs: Emerging Views of Physiological Function," <i>J Nutr.</i> 130:711-714 (2000).	
	C2	Boss, O., S. Samec, A. Paoloni-Giacobino, C. Rossier, et al., "Uncoupling protein-3: a new member of the mitochondrial carrier family with tissue-specific expression," <i>FEBS Letters</i> , 408:39-42 (1997).	
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	C4	Brand, M., L. Chien, E. Ainscow, D. Rolfe, et al., "The causes and functions of mitochondrial proton leak," <i>Biochim. Biophys. Acta</i> , 1187:132-139 (1994).	
	C5	Bray, G., "Progress in Understanding the Genetics of Obesity," <i>J Nutr.</i> , 127:940S-942S (1997).	
	C6	Carter, P., H. Bedouelle, and G. Winter, "Improved oligonucleotide site-directed mutagenesis using M13 vectors," <i>Nucl. Acids Res.</i> , 13:4431-4443 (1985).	
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	C8	Chothia, C., "The Nature of the Accessible and Buried Surfaces in Proteins," <i>J. Mol. Biol.</i> , 105:1-14 (1976).	
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Sheet

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*Complete if Known*

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First Named Inventor	Sean H. Adams, et al.
Group Art Unit	1635
Examiner Name	Jon E. Angell
Attorney Docket Number	09800080-0003

**OTHER ITEMS - NON PATENT LITERATURE DOCUMENTS**

C10	Cunningham, B. and J. Wells, "High-Resolution Epitope Mapping of hGH-Receptor Interactions by Alanine-Scanning Mutagenesis," <i>Science</i> , 244:1081-1085 (1989).
C11	Fleury, C., M. Neverova, S. Collins, S. Raimbault, et al., "Uncoupling protein-2: a novel gene linked to obesity and hyperinsulinemia," <i>Nat. Genet.</i> , 15:269-272 (1997).
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C16	Hill, J. and J. Peters, "Environmental Contributions to the Obesity Epidemic," <i>Science</i> , 280:1371-1374 (1998).
C17	Iacobazzi, V., et al. GenBank Accession No. NM_003562 (1992).
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Sheet 4 of 6

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Group Art Unit	1635
Examiner Name	Jon E. Angell
Attorney Docket Number	09800080-0003

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C27	Nicholls, D. and R. Locke, "Thermogenic Mechanisms in Brown Fat," <i>Physiol. Rev.</i> , 64:1-64 (1984).
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C30	Piccininni, S., V. Iacobazzi, G. Lauria, M. Rocchi, and F. Palmieri, "Assignment of the oxoglutarate carrier gene (SLC20A4) to human chromosome 17p13.3," <i>Cytogenet. Cell Genet.</i> , 83:256-257 (1998).
C31	Poutska, A., M. Klein, H. Mewes, J. Gassenhuber, and S. Wiemann, GenBank Accession No. AL133584 (1999).
C32	Ricquier, D., L. Castella, and F. Bouillaud, "Molecular studies of the uncoupling protein," <i>FASEB J.</i> , 5:2237-2242 (1991).
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Sheet	5	of	6	Attorney Docket Number	09800080-0003	
OTHER ITEMS - NON PATENT LITERATURE DOCUMENTS						
C36	Sanchis, D., C. Fleury, N. Chomiki, M. Goubern, et al., "BMCP1, a Novel Mitochondrial Carrier with High Expression in the Central Nervous System of Humans and Rodents, and Respiration Uncoupling Activity in Recombinant Yeast," <i>J. Biol. Chem.</i> , 273(51):34611-34615 (1998).					
C37	Shimkets, R., D. Lowe, J. Tai, P. Schi, et al., "Gene expression analysis by transcript profiling coupled to a gene database query," <i>Nat. Biotechnol.</i> , 17:798-803.					
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C39	Tisdale, M., "Cancer Cachexia: Metabolic Alterations and Clinical Manifestations," <i>Naturton</i> , 13:1-7 (1997) (page 7 is currently unavailable from publisher).					
C40	Vidal-Puig, A., G. Solanes, D. Gruijic, J. Flier, et al., "UCP3: An Uncoupling Protein Homologue Expressed Preferentially and Abundantly in Skeletal Muscle and Brown Adipose Tissue," <i>Biochem. Biophys. Res. Comm.</i> , 235:79-82 (1997).					
C41	Walker, J. and M. Runswick, "The Mitochondrial Transport Protein Superfamily," <i>J. Bioenerg. Biomemb.</i> , 25(5):435-446 (1993).					
C42	Wells, J., M. Vasser, and D. Powers, "Cassette mutagenesis: an efficient method for generation of multiple mutations at defined sites," <i>Gene</i> , 34:315-323 (1985).					
C43	Wells, J., B. Cunningham, T. Graycar, and D. Estell, "Importance of Hydrogen-Bond Formation in Stabilizing the Transition State of Subtilisin," <i>Philos. Trans. R. Soc. London Ser. A.</i> , 317:415-423 (1986).					
C44	Wolf, G., "A New Uncoupling Protein: A Potential Component of the Human Body Weight Regulation System," <i>Nutr. Rev.</i> , 55:178-179 (1997).					
C45	Yu, X., J. Barger, B. Boyer, M. Brand, et al., "Impact of endotoxin on UCP homolog mRNA abundance, thermoregulation, and mitochondrial proton leak kinetics," <i>Am. J. Physiol. Endocrinol. Metab.</i> 279:E433-E446 (2000).					
C46	Yu, X., W. Mao, A. Zhong, P. Schow, et al., "Characterization of novel UCP5/BMCP1 isoforms and differential regulation of UCP4 and UCP5 expression through dietary or temperature manipulation," <i>FASEB J.</i> , 14:1611-1618 (2000).					
C47	Zhang, C., T. Hagen, V. Mootha, L. Slicker, and B. Lowell, "Assessment of uncoupling activity of uncoupling protein 3 using a yeast heterologous expression system," <i>FEBS Lett.</i> , 449:129-134 (1999).					

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### OTHER ITEMS - NON PATENT LITERATURE DOCUMENTS

	C48	Zolier, M. and M. Smith, "Oligonucleotide-directed mutagenesis using M13-derived vectors: an efficient and general procedure for the production of point mutations in any fragment of DNA," <i>Nucl. Acids Res.</i> , 10:6487-6501 (1982).	
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